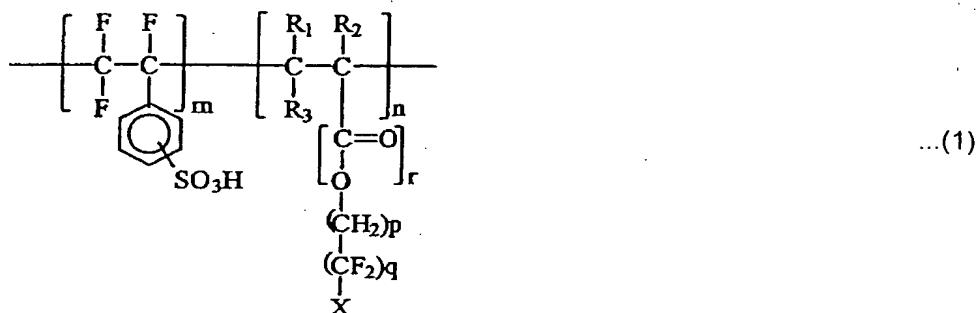


Abstract of the Disclosure

A trifluorostyrene and substituted vinyl compound based partially fluorinated copolymer, an ionic conductive polymer membrane including the same, and a fuel cell adopting the ionic conductive polymer membrane, wherein the partially fluorinated copolymer has formula (1):



where each of R<sub>1</sub>, R<sub>2</sub> and R<sub>3</sub> is F, H or CH<sub>3</sub>; X is a hydroxy group or a trifluoromethyl group; m is an integer greater than zero; n is an integer greater than zero; and p, q and r are zero or integers greater than zero.

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